

<b>FORM</b> Identifier: F 108 Revision: 04 Page: 1/1	<b>Product specification          for inductive components</b>	<b>MAGNETEC GmbH</b> Industriestrasse 7 D-63505 Langenselbold
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<b>Client:</b>	<b>MAGNETEC</b>	<b>Magnetec P/N:</b>	<b>M-1258</b>	<b>Magnetec A/N:</b>	<b>12845</b>
<b>Client's P/N:</b>	-	<b>PS Index:</b>	<b>01</b>	<b>PS Revision:</b>	<b>01</b>
<b>Subject:</b>	<b>EMC Wandler</b>			<b>Type:</b>	

1. Mechanical Outline	
Nominal core dimensions: <b>25 x 20 x 10</b>  Finished product dimensions: OD ≤ 27,8 ID ≥ 17,0 H ≤ 12,6  [dimensions] = mm	<p>The drawing shows a toroidal core with an inner diameter (ID) and an outer diameter (OD). The height of the core is denoted as H. A 'Marking' area is indicated on the top surface of the core.</p>

2. Core data (nominal values)			
Core material:	<b>NANOPERM®</b>	$L_{Fe} = 7,04 \text{ cm}$	$A_{Fe} = 0,19 \text{ cm}^2$
Permeability level:	~8000	@ frequency 10 kHz	@ H peak 3 mA/cm

3. Inspection values				
	Measured value	Measurement limits	Frequency	Ieff x N [mA x turn]
	AL [μH]	1,85 - 3,69	10 kHz	15
	AL [μH]	1,58 - NA	100 kHz	15

4. Core finishing	
Type:	<b>Cased</b>
Marking:	<b>MAGNETEC M-1254-01 YM (YM = Year/Month), acc. to IEC 60062 6.1.1</b>
Packaging:	<b>63 pcs. per layer; 6 layers per carton box ; PU = 378 pcs.</b>

5. Comments:	

Index / Revision	Alteration	Date
01 / 01	First issue	05.07.2017

<b>Created:</b>	M. Pádár	<b>Approved (Techn):</b>	F. Zámbořszky	<b>Approved (Quality):</b>	G. Zsák	<b>Released:</b>	P. Seiz
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